

Title (en)

Contact element, power semiconductor module and method of fabricating same

Title (de)

Kontaktelement, Leistungshalbleitermodul und Verfahren zu dessen Herstellung

Title (fr)

Élément de contact, module semi-conducteur de puissance et son procédé de fabrication

Publication

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Application

EP 14153405 A 20140131

Priority

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Abstract (en)

The present invention relates to a contact element for a power semiconductor module having a circuit carrier and at least one power semiconductor element. In particular, the present invention relates to such a power semiconductor module having an improved contact element for contacting an external electronic component. The present invention further relates to a method for fabricating such a power semiconductor module. Said contact element (100) comprises a sintered contact part (106, 134) being sintered to the circuit carrier (102) thereby being electrically connected to a conductive lead, and at least one contact pin (108) for contacting the external electronic component, said contact pin (108) being connected to the sintered contact part (106, 134) by means of a force-fit and/or form-fit connection.

IPC 8 full level

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Citation (applicant)

- DE 102004057421 B4 20090709 - SEMIKRON ELEKTRONIK GMBH [DE]
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Citation (search report)

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